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US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

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L2

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<u>L1</u>	((345/582 )!.CCLS. )	387	<u>L1</u>

END OF SEARCH HISTORY

**WEST****Generate Collection****Print****Search Results - Record(s) 1 through 10 of 20 returned.** **1. Document ID: US 20020158881 A1**

L2: Entry 1 of 20

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020158881  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020158881 A1

TITLE: Apparatus and method for acceleration of 2D vector graphics using 3D graphics hardware

PUBLICATION-DATE: October 31, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
vanWelzen, James	Longmont	CO	US	

US-CL-CURRENT: 345/582

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 **2. Document ID: US 20020158880 A1**

L2: Entry 2 of 20

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020158880  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020158880 A1

TITLE: Methods, apparatus and computer program products for modeling three-dimensional colored objects

PUBLICATION-DATE: October 31, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Williams, Steven P.	Raleigh	NC	US	
Edelsbrunner, Herbert	Chapel Hill	NC	US	
Fu, Ping	Chapel Hill	NC	US	

US-CL-CURRENT: 345/582

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 **3. Document ID: US 20020075274 A1**

L2: Entry 3 of 20

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020075274

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020075274 A1

TITLE: METHOD AND APPARATUS FOR COMPRESSION OF A TWO DIMENSIONAL VIDEO OBJECT

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
WALTON, DEREK T.	BOLTON	MA	US	

US-CL-CURRENT: 345/582

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RMD](#) | [Draw Desc](#) | [Image](#)

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4. Document ID: US 20020063720 A1

L2: Entry 4 of 20

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020063720  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020063720 A1

TITLE: Texture generating apparatus for dynamic interference checking

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Williams, Ian M.	Sunnyvale	CA	US	

US-CL-CURRENT: 345/582

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RMD](#) | [Draw Desc](#) | [Image](#)

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5. Document ID: US 20020041285 A1

L2: Entry 5 of 20

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020041285  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020041285 A1

TITLE: Non-linear morphing of faces and their dynamics

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hunter, Peter J.	Auckland	CA	NZ	
Nielsen, Poul F.	Auckland	CA	NZ	
Bullivant, David	Auckland	MA	NZ	
Sagar, Mark	Santa Monica		US	
Charette, Paul	Valencia		US	
LaFontaine, Serge	Lincoln		US	

US-CL-CURRENT: 345/474; 345/582

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KWD](#) | [Drawn Desc](#) | [Image](#) 6. Document ID: US 6509902 B1

L2: Entry 6 of 20

File: USPT

Jan 21, 2003

US-PAT-NO: 6509902

DOCUMENT-IDENTIFIER: US 6509902 B1

TITLE: Texture filtering for surface elements

DATE-ISSUED: January 21, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pfister; Hanspeter	Somerville	MA		
Zwicker; Matthias B.	Gerlikon			CH
Gross; Markus H.	Uster			CH

US-CL-CURRENT: 345/582; 345/424[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KWD](#) | [Drawn Desc](#) | [Image](#) 7. Document ID: US 6459433 B1

L2: Entry 7 of 20

File: USPT

Oct 1, 2002

US-PAT-NO: 6459433

DOCUMENT-IDENTIFIER: US 6459433 B1

TITLE: Method and apparatus for compression of a two dimensional video object

DATE-ISSUED: October 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Walton; Derek T.	Bolton	MA		

US-CL-CURRENT: 345/582; 345/419[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KWD](#) | [Drawn Desc](#) | [Image](#) 8. Document ID: US 6433789 B1

L2: Entry 8 of 20

File: USPT

Aug 13, 2002

US-PAT-NO: 6433789

DOCUMENT-IDENTIFIER: US 6433789 B1

TITLE: Steaming prefetching texture cache for level of detail maps in a 3D-graphics engine

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosman; Andrew	Palo Alto	CA		

US-CL-CURRENT: 345/582
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)
 9. Document ID: US 6424351 B1

L2: Entry 9 of 20

File: USPT

Jul 23, 2002

US-PAT-NO: 6424351

DOCUMENT-IDENTIFIER: US 6424351 B1

TITLE: Methods and systems for producing three-dimensional images using relief textures

DATE-ISSUED: July 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bishop; Thomas G.	Apex	NC		
Oliveira Neto; Manuel M. de	Chapel Hill	NC		

US-CL-CURRENT: 345/582; 345/427
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)
 10. Document ID: US 6333746 B1

L2: Entry 10 of 20

File: USPT

Dec 25, 2001

US-PAT-NO: 6333746

DOCUMENT-IDENTIFIER: US 6333746 B1

TITLE: Auto level of detail texture mapping for a software graphics engine

DATE-ISSUED: December 25, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vaswani; Gautam P.	Austin	TX		
Wilde; Daniel	Cedar Park	TX		

US-CL-CURRENT: 345/582; 345/428, 345/581, 345/589
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)
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L2: Entry 11 of 20

File: USPT

Sep 18, 2001

US-PAT-NO: 6292191

DOCUMENT-IDENTIFIER: US 6292191 B1

TITLE: Dynamically selectable MIP map blending for a software graphics engine

DATE-ISSUED: September 18, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vaswani; Gautam P.	Austin	TX		
Wilde; Daniel	Cedar Park	TX		

US-CL-CURRENT: [345/582](#); [345/419](#), [345/660](#)[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Drawn Desc](#) | [Image](#) 12. Document ID: US 6259455 B1

L2: Entry 12 of 20

File: USPT

Jul 10, 2001

US-PAT-NO: 6259455

DOCUMENT-IDENTIFIER: US 6259455 B1

TITLE: Method and apparatus for applying specular highlighting with specular components included with texture maps

DATE-ISSUED: July 10, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shaw; Christopher W.	Pflugerville	TX		
Devic; Goran	Austin	TX		
Leland; Evan T.	Austin	TX		

US-CL-CURRENT: [345/582](#); [345/426](#), [345/428](#), [345/589](#)[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Drawn Desc](#) | [Image](#) 13. Document ID: US 6232980 B1

L2: Entry 13 of 20

File: USPT

May 15, 2001

US-PAT-NO: 6232980

DOCUMENT-IDENTIFIER: US 6232980 B1

US-PAT-NO: 6054993

DOCUMENT-IDENTIFIER: US 6054993 A

TITLE: Chroma-keyed specular texture mapping in a graphics processor

DATE-ISSUED: April 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Devic; Goran	Austin	TX		
Shaw; Christopher	Pflugerville	TX		

US-CL-CURRENT: 345/426; 345/582, 345/589[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)

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 17. Document ID: US 5977982 A

L2: Entry 17 of 20

File: USPT

Nov 2, 1999

US-PAT-NO: 5977982

DOCUMENT-IDENTIFIER: US 5977982 A

TITLE: System and method for modification of the visual characteristics of digital 3D objects

DATE-ISSUED: November 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lauzon; Laurent	Montreal			CA

US-CL-CURRENT: 345/582; 345/589, 345/592, 345/622[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)

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 18. Document ID: US 5761401 A

L2: Entry 18 of 20

File: USPT

Jun 2, 1998

US-PAT-NO: 5761401

DOCUMENT-IDENTIFIER: US 5761401 A

TITLE: Parallel image generation from cumulative merging of partial geometric images

DATE-ISSUED: June 2, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kobayashi; Tadashi	Otsu			JP
Nishimura; Akio	Sakai			JP
Wakayama; Yorihiko	Katano			JP
Maenobu; Kiyoshi	Amagasaki			JP
Segawa; Kazu	Kadoma			JP
Hirai; Makoto	Suita			JP
Nishimura; Kenji	Sakai			JP
Naka; Toshiya	Moriguchi			JP
Minehisa; Jiro	Osaka			JP
Abe; Minobu	Hirakata			JP

US-CL-CURRENT: 345/630; 345/505, 345/582

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19. Document ID: US 5739825 A

L2: Entry 19 of 20

File: USPT

Apr 14, 1998

US-PAT-NO: 5739825

DOCUMENT-IDENTIFIER: US 5739825 A

TITLE: Computer generated hatch filling within a vector graphic

DATE-ISSUED: April 14, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Turner; John B.	Mountain View	CA		

US-CL-CURRENT: 345/441; 345/467, 345/582, 345/624

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20. Document ID: US 4615013 A

L2: Entry 20 of 20

File: USPT

Sep 30, 1986

US-PAT-NO: 4615013

DOCUMENT-IDENTIFIER: US 4615013 A

TITLE: Method and apparatus for texture generation

DATE-ISSUED: September 30, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yan; Johnson K.	Milpitas	CA		
Szabo; Nicholas S.	Cupertino	CA		
Chen; Lish-Yann	Milpitas	CA		

US-CL-CURRENT: 345/582; 345/427, 345/428, 348/123

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TITLE: System and method for generating planar maps of three-dimensional surfaces

DATE-ISSUED: May 15, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Liepa; Peter	Toronto			CA

US-CL-CURRENT: 345/419; 345/582

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[RWC](#) | [Drawn Desc](#) | [Image](#)

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14. Document ID: US 6081273 A

L2: Entry 14 of 20

File: USPT

Jun 27, 2000

US-PAT-NO: 6081273

DOCUMENT-IDENTIFIER: US 6081273 A

TITLE: Method and system for building three-dimensional object models

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weng; Juyang	Okemos	MI		
Hammond; David James	East Lansing	MI		

US-CL-CURRENT: 345/420; 345/582, 382/154

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[RWC](#) | [Drawn Desc](#) | [Image](#)

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15. Document ID: US 6057849 A

L2: Entry 15 of 20

File: USPT

May 2, 2000

US-PAT-NO: 6057849

DOCUMENT-IDENTIFIER: US 6057849 A

TITLE: Method of displaying geometric object surfaces

DATE-ISSUED: May 2, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Haubner; Michael	Munich			DE
Englmeier; Karl-Hans	Munich			DE

US-CL-CURRENT: 345/428; 345/420, 345/530, 345/565, 345/582

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[RWC](#) | [Drawn Desc](#) | [Image](#)

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16. Document ID: US 6054993 A

L2: Entry 16 of 20

File: USPT

Apr 25, 2000